Academic subject: Noncon	nmutative algebra							
Degree Class:		Degree Course:		Academic Year:				
		Mathematics		2020/202	,			
		Kind of class: optional		Year:	Period:			
				ECTS:				
				divided i				
				ECTS le	essons:			
				exe/lab/t	utor:			
Time management, hours,	in-class study hours, out-of-	-class study hours		10120/2000/0				
lesson: 4	exe/lab/tutor: 15 in	n-class study: out-of-c	class stud	y:				
Language:	Compulsory Attendance:							
Italian/English	no							
Subject Teacher:	Tel:	Office:	Office	days and	hours:			
Lucio Centrone	e-mail:	Department of Mathematics						
	lucio.centrone@uniba.it	Room 1, Floor IV						
		KOOIII 1, FIOOI 1V						
Prerequisites: Elements of group, ring, field	d theory. Vector spaces.		1					
g,g,								
Educational objectives: Recognize and classify finite among their generators.	te dimensional algebras. Get	tting structural properties of	algebra	s from th	ne relations			
	Knowledge and understanding:							
Expected learning outcomes (according to Dublin Descriptors)	Applying knowledge and understanding: Making judgements:							
	Communication:							
	Lifelong learning skills:							
Semisimple rings: density T Commutativity theorems: \	, rings and radicals, artinian rin Theorem, classification of semi Wedderburn Theorem and its a niton, examples, Kaplansky's Tl	simple rings; generalizations;		tation of a	a group.			
Teaching methods:								
Classical lectures								
Auxiliary teaching:								
Assessment methods:								
An oral verification of the gi	ven topics.							
Bibliography: "I.N. Herstein, Noncommuta	ative rings, The Carus Mathem	natical Monographs, The Math	ematical	Associati	on of			

"T.Y. Lam, A first course in Noncommutative rings, second Edition, Graduate Texts in Mathematics, Springer (2001)"

America (2005)",